

**WEST****Generate Collection****Search Results - Record(s) 1 through 1 of 1 returned.**☐ 1. Document ID: US 5778400 A

L6: Entry 1 of 1

File: USPT

Jul 7, 1998

US-PAT-NO: 5778400

DOCUMENT-IDENTIFIER: US 5778400 A

TITLE: Apparatus and method for storing, searching for and  
retrieving text of a structured document provided with tags

DATE-ISSUED: July 7, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tateno; Masakazu	Nakai-machi			JPX

US-CL-CURRENT: 707/513; 707/2

Full	Title	CIT.1	REV.1	CLS.1	REF.1	DRAW.1

**Generate Collection**

Term	Documents
"GENERATING SEARCH INDEXES".USPT,PGPB.	0
"GENERATING SEARCH INDEXES".CLM..USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	1

**Display**

50

Documents, starting with Document:

1

**Display Format:****Change Format**

**WEST****Generate Collection****Search Results - Record(s) 1 through 3 of 3 returned.**☒ 1. Document ID: US 6263332 B1

L7: Entry 1 of 3

File: USPT

Jul 17, 2001

US-PAT-NO: 6263332

DOCUMENT-IDENTIFIER: US 6263332 B1

TITLE: System and method for query processing of structured documents

DATE-ISSUED: July 17, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nasr; Roger I.	Austin	TX		
Webber; Neil	Austin	TX		

US-CL-CURRENT: 707/5; 707/104.1, 707/513

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☒ 2. Document ID: US 6098071 A

L7: Entry 2 of 3

File: USPT

Aug 1, 2000

US-PAT-NO: 6098071

DOCUMENT-IDENTIFIER: US 6098071 A

TITLE: Method and apparatus for structured document difference string extraction

DATE-ISSUED: August 1, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Aoyama; Yuki	Kawasaki			JPX
Higashino; Junichi	Musashimurayama			JPX

US-CL-CURRENT: 707/102; 707/1, 707/5, 707/500, 707/513,  
707/515, 707/517, 707/540

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☒ 3. Document ID: US 6014663 A

L7: Entry 3 of 3

File: USPT

Jan 11, 2000

US-PAT-NO: 6014663

DOCUMENT-IDENTIFIER: US 6014663 A

TITLE: System, method, and computer program product for  
comparing text portions by reference to index information

DATE-ISSUED: January 11, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rivette; Kevin G.	Palo Alto	CA		
Rappaport; Irving S.	Palo Alto	CA		
O'Brien; Patrick	Half Moon Bay	CA		

US-CL-CURRENT: 707/4; 707/5, 707/512, 707/517

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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Term	Documents
"5778400".USPT.	4
5778400S	0
"5778400".UREF..USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	3

Documents, starting with Document:

Display Format:

**WEST****Freeform Search****Database:**

US Patents Full-Text Database  
 US Pre-Grant Publication Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Term:**

123 and (index\$ near5 table\$1)

**Display:**  **Documents in Display Format:**  **Starting with Number** 
**Generate:** ☐ Hit List ☒ Hit Count ☐ Image

Search

Clear

Help

Logout

Interrupt

Main Menu

Show S Numbers

Edit S Numbers

Preferences

**Search History****Today's Date:** 12/7/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	('4289411' '4428694' '4456969'  '4777617' '4873634' '5009276'  '5165014' '5222200' '5377280'  '5292419' '5418718' '5438650'  '5526469' '5548507' '5659770'  '5706413' '5717840' '5754748'  '5802539' '5812818' '5819303'  '5828817' '5844991' '5873111')[PN]	24	<u>L29</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	123 and (index\$ near5 table\$1)	21	<u>L28</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	123 and (mask\$)	0	<u>L27</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	123 and (mask\$ near5 bit\$1)	0	<u>L26</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	123 and 'universal code'	0	<u>L25</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	123 and 'unicode'	0	<u>L24</u>
	122 and (compar\$ or match\$) same		

USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(character\$1 or word\$ or phrase\$ or sentenc\$1 or text)	41	<u>L23</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l20 and (index\$ near5 generat\$)	44	<u>L22</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l20 and (index\$ near5 table\$1)	60	<u>L21</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(query\$ near5 string\$) same (character\$1 or word\$ or phrase\$ or sentenc\$1 or text)	242	<u>L20</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(bit\$1 near5 mask\$)	11814	<u>L19</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	'multi-language index'	0	<u>L18</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l16 and index\$	9	<u>L17</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	'16-bit unicode'	13	<u>L16</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(search\$ or query\$) near5 (index\$)	5180	<u>L15</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l11 and (match\$ or compar\$) and (predetermin\$ character\$1)	13	<u>L14</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l11 and (match\$ or compar\$) same(predetermin\$ character\$1)	0	<u>L13</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l11 and (match\$ or compar\$) near5 (predetermin\$ character\$1)	0	<u>L12</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l1 and (word\$1 or phrase\$1 or sentence\$1)	434	<u>L11</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	5337233 .uref.	17	<u>L10</u>
USPT	('5195034'  '5198978'  '5231581'  '5009276'  '4870402'  '5223831'  '5784069'  '5337233'  '5870084'  '5966637'  '6141002'  '6160964'  '4933764'  '4901065'  '5929792'  '4355302'  '5485544'  '5546583'  '5421013'  '6115040'  '6119079'  '5179703'  '5317722'  '5706496'  '5533180'  '6044216'  '5675818'  '5678039'  '6138086'  '6047891'  '5387042'  '5778213'  '6032165'  '6072411'  '6182099'  '4429306'  '4602878'  '4987550'  '5070456'  '5050121'  '5257351'  '5317509'  '5636325'  '5649223'  '5664206'  '5758314'  '5778356'  '5784071'  '5787452')[PN]	49	<u>L9</u>
	('5195034'  '5198978'  '5231581'  '5009276'  '4870402'  '5223831'  '5784069'  '5337233'  '5870084'  '5966637'  '6141002'  '6160964'  '4933764'  '4901065'  '5929792'  '4355302'  '5485544'  '5546583'  '5421013'  '6115040'  '6119079'		

USPT

'5179703'| '5317722'| '5706496'|  
 '5533180'| '6044216'| '5675818'|  
 '5678039'| '6138086'| '6047891'|  
 '5387042'| '5778213'| '6032165'|  
 '6072411'| '6182099'| '4429306'|  
 '4602878'| '4987550'| '5070456'|  
 '5050121'| '5257351'| '5317509'|  
 '5636325'| '5649223'| '5664206'|  
 '5758314'| '5778356'| '5784071'|  
 '5787452')[PN]

49

L8

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

5778400.uref.

3

L7

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

'generating search indexes'.clm.

1

L6

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

'generating search indexes'.ti.

0

L5

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

'generating search index'.ti.

0

L4

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

(generat\$ and search\$ and index\$ and  
optimiz\$).ti.

0

L3

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

(generat\$ and search\$ and index\$).ti.

70

L2

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

'search index'

682

L1

**WEST**

Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

Generate Collection

Search Results - Record(s) 1 through 21 of 21 returned.

☐ 1. Document ID: US 6272495 B1

L28: Entry 1 of 21

File: USPT

Aug 7, 2001

US-PAT-NO: 6272495

DOCUMENT-IDENTIFIER: US 6272495 B1

TITLE: Method and apparatus for processing free-format data

DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Hetherington; Greg	Kareela New South Wales		2232		AUX

US-CL-CURRENT: 707/101; 707/102, 707/4, 707/531

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 6246977 B1

L28: Entry 2 of 21

File: USPT

Jun 12, 2001

US-PAT-NO: 6246977

DOCUMENT-IDENTIFIER: US 6246977 B1

TITLE: Information retrieval utilizing semantic representation  
of text and based on constrained expansion of query words

DATE-ISSUED: June 12, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Messerly; John J.	Bainbridge Island	WA			
Heidorn; George E.	Bellevue	WA			
Richardson; Stephen D.	Redmond	WA			
Dolan; William B.	Redmond	WA			
Jensen; Karen	Bellevue	WA			

US-CL-CURRENT: 704/9; 704/10, 707/2, 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 3. Document ID: US 6161084 A

L28: Entry 3 of 21

File: USPT

Dec 12, 2000

US-PAT-NO: 6161084

DOCUMENT-IDENTIFIER: US 6161084 A

TITLE: Information retrieval utilizing semantic representation  
of text by identifying hypernyms and indexing multiple  
tokenized semantic structures to a same passage of text

DATE-ISSUED: December 12, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Messerly; John J.	Bainbridge Island	WA			
Heidorn; George E.	Bellevue	WA			
Richardson; Stephen D.	Redmond	WA			
Dolan; William B.	Redmond	WA			
Jensen; Karen	Bellevue	WA			

US-CL-CURRENT: 704/9; 704/10, 707/2, 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 4. Document ID: US 6076051 A



L28: Entry 4 of 21

File: USPT

Jun 13, 2000

US-PAT-NO: 6076051

DOCUMENT-IDENTIFIER: US 6076051 A

TITLE: Information retrieval utilizing semantic representation  
of text

DATE-ISSUED: June 13, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Messerly; John J.	Bainbridge Island	WA			
Heidorn; George E.	Bellevue	WA			
Richardson; Stephen D.	Redmond	WA			
Dolan; William B.	Redmond	WA			
Jensen; Karen	Bellevue	WA			

US-CL-CURRENT: 704/9; 704/10, 707/2, 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KMIC	Draw Desc	Image
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☒ 5. Document ID: US 6038560 A

L28: Entry 5 of 21

File: USPT

Mar 14, 2000

US-PAT-NO: 6038560

DOCUMENT-IDENTIFIER: US 6038560 A

TITLE: Concept knowledge base search and retrieval system

DATE-ISSUED: March 14, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Wical; Kelly	San Carlos	CA			

US-CL-CURRENT: 707/5; 706/50

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KMIC	Draw Desc	Image
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☐ 6. Document ID: US 6018735 A

L28: Entry 6 of 21

File: USPT

Jan 25, 2000

US-PAT-NO: 6018735  
DOCUMENT-IDENTIFIER: US 6018735 A

TITLE: Non-literal textual search using fuzzy finite-state  
linear non-deterministic automata

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hunter; Kenneth M.	San Francisco	CA		

US-CL-CURRENT: 707/5; 706/2, 706/23, 707/3, 707/4

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 7. Document ID: US 5953718 A

L28: Entry 7 of 21 File: USPT Sep 14, 1999

US-PAT-NO: 5953718  
DOCUMENT-IDENTIFIER: US 5953718 A

TITLE: Research mode for a knowledge base search and retrieval  
system

DATE-ISSUED: September 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wical; Kelly	Hastings	MN		

US-CL-CURRENT: 707/5; 707/1, 707/101, 707/104.1, 707/2, 707/3,  
707/4, 707/6, 707/7

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 8. Document ID: US 5940821 A

L28: Entry 8 of 21 File: USPT Aug 17, 1999

US-PAT-NO: 5940821

DOCUMENT-IDENTIFIER: US 5940821 A

TITLE: Information presentation in a knowledge base search and retrieval system

DATE-ISSUED: August 17, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wical; Kelly	San Carlos	CA		

US-CL-CURRENT: 707/3; 707/4, 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 9. Document ID: US 5873076 A

L28: Entry 9 of 21

File: USPT

Feb 16, 1999

US-PAT-NO: 5873076

DOCUMENT-IDENTIFIER: US 5873076 A

TITLE: Architecture for processing search queries, retrieving documents identified thereby, and method for using same

DATE-ISSUED: February 16, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barr; Thomas	Ft. Washington	MD		
Beattie; James T.	Audubon	PA		
Husick; Lawrence A.	Wayne	PA		
Krupit; Michael S.	Newtown	PA		
Morgan; Howard	Villanova	PA		

US-CL-CURRENT: 707/3; 704/270.1, 704/9, 705/27, 705/30, 707/10

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 10. Document ID: US 5822731 A

L28: Entry 10 of 21

File: USPT

Oct 13, 1998

US-PAT-NO: 5822731

DOCUMENT-IDENTIFIER: US 5822731 A

TITLE: Adjusting a hidden Markov model tagger for sentence fragments

DATE-ISSUED: October 13, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; John Michael	Bala Cynwyd	PA		

US-CL-CURRENT: 704/270.1; 704/240, 704/254

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☒ 11. Document ID: US 5742816 A

L28: Entry 11 of 21

File: USPT

Apr 21, 1998

US-PAT-NO: 5742816

DOCUMENT-IDENTIFIER: US 5742816 A

TITLE: Method and apparatus for identifying textual documents and multi-mediafiles corresponding to a search topic

DATE-ISSUED: April 21, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barr; Thomas	Ft. Wash	MD		
Husick; Lawrence A.	Wayne	PA		
Krupit; Michael S.	Newtown	PA		
Morgan; Howard	Villanova	PA		
Weinberger; Marvin I.	Havertown	PA		

US-CL-CURRENT: 707/3; 707/104.1, 707/501.1, 707/515

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☒ 12. Document ID: US 5737734 A

L28: Entry 12 of 21

File: USPT

Apr 7, 1998

US-PAT-NO: 5737734

DOCUMENT-IDENTIFIER: US 5737734 A

TITLE: Query word relevance adjustment in a search of an  
information retrieval system

DATE-ISSUED: April 7, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; John Michael	Bala Cynwyd	PA		

US-CL-CURRENT: 707/5; 400/63, 704/7, 704/8, 704/9, 707/4

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 13. Document ID: US 5721902 A

L28: Entry 13 of 21

File: USPT

Feb 24, 1998

US-PAT-NO: 5721902

DOCUMENT-IDENTIFIER: US 5721902 A

TITLE: Restricted expansion of query terms using part of speech  
tagging

DATE-ISSUED: February 24, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; John Michael	Bala Cynwyd	PA		

US-CL-CURRENT: 707/4; 704/9

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 14. Document ID: US 5717914 A

L28: Entry 14 of 21

File: USPT

Feb 10, 1998

US-PAT-NO: 5717914

DOCUMENT-IDENTIFIER: US 5717914 A

TITLE: Method for categorizing documents into subjects using  
relevance normalization for documents retrieved from an  
information retrieval system in response to a query

DATE-ISSUED: February 10, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Husick; Lawrence A.	Wayne	PA		
Schultz; John Michael	Bala Cynwyd	PA		
Weinberger; Marvin I.	Havertown	PA		

US-CL-CURRENT: 707/5; 345/440, 707/3, 707/4

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☒ 15. Document ID: US 5706365 A

L28: Entry 15 of 21

File: USPT

Jan 6, 1998

US-PAT-NO: 5706365

DOCUMENT-IDENTIFIER: US 5706365 A

TITLE: System and method for portable document indexing using  
n-gram word decomposition

DATE-ISSUED: January 6, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rangarajan; Vijayakumar	San Jose	CA		
Ravichandran; Natarajan	Bangalore			INX

US-CL-CURRENT: 707/102; 707/500

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☒ 16. Document ID: US 5675788 A

L28: Entry 16 of 21

File: USPT

Oct 7, 1997

US-PAT-NO: 5675788

DOCUMENT-IDENTIFIER: US 5675788 A

TITLE: Method and apparatus for generating a composite document  
on a selected topic from a plurality of information sources

DATE-ISSUED: October 7, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Husick; Lawrence A.	Wayne	PA			
Kopelman; Joshua	Malvern	PA			
Morgan; Howard	Villanova	PA			
Watkeys, III; Edwin Howell	North Wales	PA			
Weinberger; Marvin I.	Havertown	PA			

US-CL-CURRENT: 707/104.1; 707/1, 707/3, 707/500

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☒ 17. Document ID: US 5659742 A

L28: Entry 17 of 21

File: USPT

Aug 19, 1997

US-PAT-NO: 5659742

DOCUMENT-IDENTIFIER: US 5659742 A

TITLE: Method for storing multi-media information in an  
information retrieval system

DATE-ISSUED: August 19, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Beattie; James T.	Audubon	PA			
Husick; Lawrence A.	Wayne	PA			
Krupit; Michael S.	Newtown	PA			
Morgan; Howard	Villanova	PA			

US-CL-CURRENT: 707/104.1; 707/2, 707/3, 707/4, 707/7

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☒ 18. Document ID: US 5640553 A

L28: Entry 18 of 21

File: USPT

Jun 17, 1997

US-PAT-NO: 5640553

DOCUMENT-IDENTIFIER: US 5640553 A

TITLE: Relevance normalization for documents retrieved from an information retrieval system in response to a query

DATE-ISSUED: June 17, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; John Michael	Bala Cynwyd	PA		

US-CL-CURRENT: 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☒ 19. Document ID: US 5606690 A

L28: Entry 19 of 21

File: USPT

Feb 25, 1997

US-PAT-NO: 5606690

DOCUMENT-IDENTIFIER: US 5606690 A

TITLE: Non-literal textual search using fuzzy finite non-deterministic automata

DATE-ISSUED: February 25, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hunter; Kenneth M.	San Francisco	CA		
Roberts; Michael G.	Mountain View	CA		
Garland; Harry T.	Los Altos	CA		

US-CL-CURRENT: 707/5; 382/229

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☒ 20. Document ID: US 5600835 A

L28: Entry 20 of 21

File: USPT

Feb 4, 1997



US-PAT-NO: 5600835

DOCUMENT-IDENTIFIER: US 5600835 A

TITLE: Adaptive non-literal text string retrieval

DATE-ISSUED: February 4, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Garland; Harry T.	Los Gatos	CA		
Hunter; Kenneth M.	San Francisco	CA		
Roberts; Michael G.	Mountain View	CA		
Avi-Itzhak; Hadar I.	Mountain View	CA		

US-CL-CURRENT: 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 21. Document ID: US 4868570 A

L28: Entry 21 of 21

File: USPT

Sep 19, 1989

US-PAT-NO: 4868570

DOCUMENT-IDENTIFIER: US 4868570 A

TITLE: Method and system for storing and retrieving compressed data

DATE-ISSUED: September 19, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Glenn T.	Arlington	VA		

US-CL-CURRENT: 341/106; 209/584, 341/67

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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[Generate Collection](#)

Term	Documents
INDEX\$	0
INDEX.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	924976
INDEXA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	5
INDEXAB.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
INDEXABIE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
INDEXABILITY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	37
INDEXABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	5300
INDEXABLEMEMBER.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
INDEXABLES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
INDEXABLE-CEMENTED-CARBIDE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
(L23 AND (INDEX\$ NEAR5 TABLE\$1) ) .USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	21

There are more results than shown above. Click here to view the entire set.

Display

50

Documents, starting with Document:

21

**Display Format:**

Change Format

**WEST****Search Results - Record(s) 1 through 24 of 24 returned.**

L29: Entry 1 of 24

File: USPT

Feb 16, 1999

US-PAT-NO: 5873111

DOCUMENT-IDENTIFIER: US 5873111 A

TITLE: Method and system for collation in a processing system of a variety of distinct sets of information

DATE-ISSUED: February 16, 1999

US-CL-CURRENT: 707/536; 704/8

INT-CL: [6] G06F 17/21

L29: Entry 2 of 24

File: USPT

Dec 1, 1998

US-PAT-NO: 5844991

DOCUMENT-IDENTIFIER: US 5844991 A

TITLE: Script identification from images using cluster-based templates

DATE-ISSUED: December 1, 1998

US-CL-CURRENT: 382/218; 382/177, 382/225

INT-CL: [6] G06K 9/46

L29: Entry 3 of 24

File: USPT

Oct 27, 1998

US-PAT-NO: 5828817

DOCUMENT-IDENTIFIER: US 5828817 A

TITLE: Neural network recognizer for PDLs

DATE-ISSUED: October 27, 1998

US-CL-CURRENT: 358/1.13; 358/1.15

INT-CL: [6] G06F 15/00

L29: Entry 4 of 24

File: USPT

Oct 6, 1998

US-PAT-NO: 5819303

DOCUMENT-IDENTIFIER: US 5819303 A

TITLE: Information management system which processes multiple languages having incompatible formats

DATE-ISSUED: October 6, 1998

US-CL-CURRENT: 707/536; 704/8

INT-CL: [6] G06F 3/14

---

L29: Entry 5 of 24

File: USPT

Sep 22, 1998

US-PAT-NO: 5812818

DOCUMENT-IDENTIFIER: US 5812818 A

TITLE: Apparatus and method for translating facsimile text transmission

DATE-ISSUED: September 22, 1998

US-CL-CURRENT: 703/23; 358/402, 358/407, 382/187, 382/188, 382/228, 382/229, 704/2, 704/3, 704/8, 707/531

INT-CL: [6] G06F 13/00

---

L29: Entry 6 of 24

File: USPT

Sep 1, 1998

US-PAT-NO: 5802539

DOCUMENT-IDENTIFIER: US 5802539 A

TITLE: Method and apparatus for managing text objects for providing text to be interpreted across computer operating systems using different human languages

DATE-ISSUED: September 1, 1998

US-CL-CURRENT: 707/542; 704/7

INT-CL: [6] G06F 7/00

---

L29: Entry 7 of 24

File: USPT

May 19, 1998

US-PAT-NO: 5754748

DOCUMENT-IDENTIFIER: US 5754748 A

TITLE: Download of interpreter to a printer

DATE-ISSUED: May 19, 1998

US-CL-CURRENT: 358/1.17; 358/1.13

INT-CL: [6] G06K 15/00

---

L29: Entry 8 of 24

File: USPT

Feb 10, 1998

US-PAT-NO: 5717840

DOCUMENT-IDENTIFIER: US 5717840 A

TITLE: Method and apparatus for printing according to a graphic language

DATE-ISSUED: February 10, 1998

US-CL-CURRENT: 358/1.13; 358/1.16

INT-CL: [6] G06K 15/00

---

L29: Entry 9 of 24

File: USPT

Jan 6, 1998

US-PAT-NO: 5706413

DOCUMENT-IDENTIFIER: US 5706413 A

TITLE: Printer

DATE-ISSUED: January 6, 1998

US-CL-CURRENT: 358/1.11; 358/1.16

INT-CL: [6] G06H 15/00

---

L29: Entry 10 of 24

File: USPT

Aug 19, 1997

US-PAT-NO: 5659770

DOCUMENT-IDENTIFIER: US 5659770 A

TITLE: Text/image processing apparatus determining synthesis format

DATE-ISSUED: August 19, 1997

US-CL-CURRENT: 707/530; 358/450, 358/452, 707/517, 707/520, 707/527

INT-CL: [6] G06F 17/24, H04N 1/387

---

L29: Entry 11 of 24

File: USPT

Aug 20, 1996

US-PAT-NO: 5548507

DOCUMENT-IDENTIFIER: US 5548507 A

TITLE: Language identification process using coded language words

DATE-ISSUED: August 20, 1996

US-CL-CURRENT: 704/1; 704/2, 704/9

INT-CL: [6] G06F 17/27

---

L29: Entry 12 of 24

File: USPT

Jun 11, 1996

US-PAT-NO: 5526469

DOCUMENT-IDENTIFIER: US 5526469 A

TITLE: System for printing image data in a versatile print server

DATE-ISSUED: June 11, 1996

US-CL-CURRENT: 358/1.9; 358/1.11, 358/1.13, 358/1.15

INT-CL: [6] G06K 15/00

---

L29: Entry 13 of 24

File: USPT

Aug 1, 1995

US-PAT-NO: 5438650

DOCUMENT-IDENTIFIER: US 5438650 A

TITLE: Method and system to recognize encoding type in document processing language

DATE-ISSUED: August 1, 1995

US-CL-CURRENT: 358/1.15; 707/524

INT-CL: [6] G06F 3/12

---

L29: Entry 14 of 24

File: USPT

May 23, 1995

US-PAT-NO: 5418718

DOCUMENT-IDENTIFIER: US 5418718 A

TITLE: Method for providing linguistic functions of English text in a mixed document of single-byte characters and double-byte characters

DATE-ISSUED: May 23, 1995

US-CL-CURRENT: 707/536; 704/8, 707/531, 707/533

INT-CL: [6] G06F 15/209

---

L29: Entry 15 of 24

File: USPT

Dec 27, 1994

US-PAT-NO: 5377280

DOCUMENT-IDENTIFIER: US 5377280 A

TITLE: Method and apparatus for automatic language determination of European script documents

DATE-ISSUED: December 27, 1994

US-CL-CURRENT: 382/229; 382/191

INT-CL: [5] G06K 9/46

---

L29: Entry 16 of 24

File: USPT

Mar 8, 1994

US-PAT-NO: 5292419

DOCUMENT-IDENTIFIER: US 5292419 A

TITLE: Sputtering unit

DATE-ISSUED: March 8, 1994

US-CL-CURRENT: 204/298.28; 204/298.06, 204/298.07, 204/298.23,  
204/298.26

INT-CL: [5] C23C 14/34

---

L29: Entry 17 of 24

File: USPT

Jun 22, 1993

US-PAT-NO: 5222200

DOCUMENT-IDENTIFIER: US 5222200 A

TITLE: Automatic printer data stream language determination

DATE-ISSUED: June 22, 1993

US-CL-CURRENT: 358/1.13; 358/1.15

INT-CL: [5] G06K 15/00

---

L29: Entry 18 of 24

File: USPT

Nov 17, 1992

US-PAT-NO: 5165014

DOCUMENT-IDENTIFIER: US 5165014 A

TITLE: Method and system for matching the software command language  
of a computer with the printer language of a printer

DATE-ISSUED: November 17, 1992

US-CL-CURRENT: 358/1.13

INT-CL: [5] G06K 15/00

---

L29: Entry 19 of 24

File: USPT

Apr 23, 1991

US-PAT-NO: 5009276

DOCUMENT-IDENTIFIER: US 5009276 A

TITLE: Electronic postal scale with multilingual operator prompts  
and report headings

DATE-ISSUED: April 23, 1991

US-CL-CURRENT: 177/25.15; 705/411

INT-CL: [5] G01G 19/40, G06F 15/20

---

L29: Entry 20 of 24

File: USPT

Oct 10, 1989

US-PAT-NO: 4873634

DOCUMENT-IDENTIFIER: US 4873634 A

TITLE: Spelling assistance method for compound words

DATE-ISSUED: October 10, 1989

US-CL-CURRENT: 707/533; 704/8, 707/536

INT-CL: [4] G06F 15/40

---

L29: Entry 21 of 24

File: USPT

Oct 11, 1988

US-PAT-NO: 4777617

DOCUMENT-IDENTIFIER: US 4777617 A

TITLE: Method for verifying spelling of compound words

DATE-ISSUED: October 11, 1988

US-CL-CURRENT: 704/8; 707/531

INT-CL: [4] G06F 15/40

---

L29: Entry 22 of 24

File: USPT

Jun 26, 1984

US-PAT-NO: 4456969

DOCUMENT-IDENTIFIER: US 4456969 A

TITLE: System for automatically hyphenating and verifying the spelling of words in a multi-lingual document

DATE-ISSUED: June 26, 1984

US-CL-CURRENT: 707/533; 369/83, 400/109, 400/63, 400/7, 704/8, 707/531, 707/536

INT-CL: [3] G06F 7/28, G06F 15/02, G06F 15/40, G06K 9/00

---

L29: Entry 23 of 24

File: USPT

Jan 31, 1984

US-PAT-NO: 4428694

DOCUMENT-IDENTIFIER: US 4428694 A

TITLE: Rotary printing device with identifying means and method and apparatus for in situ identification

DATE-ISSUED: January 31, 1984

US-CL-CURRENT: 400/144.2; 400/175

INT-CL: [3] B41J 1/30

---

L29: Entry 24 of 24

File: USPT

Sep 15, 1981

US-PAT-NO: 4289411

DOCUMENT-IDENTIFIER: US 4289411 A

TITLE: Multilingual ink jet printer

DATE-ISSUED: September 15, 1981

US-CL-CURRENT: 347/5; 347/37, 400/111, 400/323.1



INT-CL: [3] B41J 3/04

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**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Term	Documents
"5946648".DWPI,EPAB,JPAB,USPT,PGPB.	2
5946648S	0
"5946648".PN..USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	2

**Database:**

[US Patents Full-Text Database](#)  
[US Pre-Grant Publication Full-Text Database](#)  
[JPO Abstracts Database](#)  
[EPO Abstracts Database](#)  
[Derwent World Patents Index](#)  
[IBM Technical Disclosure Bulletins](#)

**Refine Search:**

5946648.pn.

[Clear](#)**Search History****Today's Date: 12/7/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	5946648.pn.	2	<a href="#">L45</a>
USPT	l42 and match\$	0	<a href="#">L44</a>
USPT	l42 and compar\$	0	<a href="#">L43</a>
USPT	5778400.pn.	1	<a href="#">L42</a>
USPT	l40 and (search\$ near5 index\$)	0	<a href="#">L41</a>
USPT	5946648.pn.	1	<a href="#">L40</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(text and search\$ and index\$.ti.	59	<a href="#">L39</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(natural and language and search\$ and index\$.ti.	5	<a href="#">L38</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(search\$ and index\$.ti.	709	<a href="#">L37</a>

USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(search\$ and index\$ and natural).ti.	5	<a href="#">L36</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(search and index and natural).ti.	4	<a href="#">L35</a>
USPT	(search and index and language\$).ti.	0	<a href="#">L34</a>
USPT	(search and index and lingust\$).ti.	0	<a href="#">L33</a>
USPT	'search index'.ti.	1	<a href="#">L32</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	'search index'.ti.	38	<a href="#">L31</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	'generating search index'.ti.	0	<a href="#">L30</a>
USPT	('4289411' '4428694' '4456969'  '4777617' '4873634' '5009276'  '5165014' '5222200' '5377280'  '5292419' '5418718' '5438650'  '5526469' '5548507' '5659770'  '5706413' '5717840' '5754748'  '5802539' '5812818' '5819303'  '5828817' '5844991' '5873111')[PN]	24	<a href="#">L29</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	123 and (index\$ near5 table\$1)	21	<a href="#">L28</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	123 and (mask\$)	0	<a href="#">L27</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	123 and (mask\$ near5 bit\$1)	0	<a href="#">L26</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	123 and 'universal code'	0	<a href="#">L25</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	123 and 'unicode'	0	<a href="#">L24</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	122 and (compar\$ or match\$) same (character\$1 or word\$ or phrase\$ or sentenc\$1 or text)	41	<a href="#">L23</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	120 and (index\$ near5 generat\$)	44	<a href="#">L22</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	120 and (index\$ near5 table\$1)	60	<a href="#">L21</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(query\$ near5 string\$) same (character\$1 or word\$ or phrase\$ or sentenc\$1 or text)	242	<a href="#">L20</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(bit\$1 near5 mask\$)	11814	<a href="#">L19</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	'multi-language index'	0	<a href="#">L18</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	116 and index\$	9	<a href="#">L17</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	'16-bit unicode'	13	<a href="#">L16</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(search\$ or query\$) near5 (index\$)	5180	<a href="#">L15</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	111 and (match\$ or compar\$) and (predetermin\$ character\$1)	13	<a href="#">L14</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	111 and (match\$ or compar\$) same(predetermin\$ character\$1)	0	<a href="#">L13</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	111 and (match\$ or compar\$) near5 (predetermin\$ character\$1)	0	<a href="#">L12</a>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	11 and (word\$1 or phrase\$1 or sentence\$1)	434	<a href="#">L11</a>

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

5337233 .uref.

17

L10

('5195034'| '5198978'| '5231581'|  
 '5009276'| '4870402'| '5223831'|  
 '5784069'| '5337233'| '5870084'|  
 '5966637'| '6141002'| '6160964'|  
 '4933764'| '4901065'| '5929792'|  
 '4355302'| '5485544'| '5546583'|  
 '5421013'| '6115040'| '6119079'|  
 '5179703'| '5317722'| '5706496'|  
 '5533180'| '6044216'| '5675818'|  
 '5678039'| '6138086'| '6047891'|  
 '5387042'| '5778213'| '6032165'|  
 '6072411'| '6182099'| '4429306'|  
 '4602878'| '4987550'| '5070456'|  
 '5050121'| '5257351'| '5317509'|  
 '5636325'| '5649223'| '5664206'|  
 '5758314'| '5778356'| '5784071'|  
 '5787452')[PN]

USPT

49

L9

('5195034'| '5198978'| '5231581'|  
 '5009276'| '4870402'| '5223831'|  
 '5784069'| '5337233'| '5870084'|  
 '5966637'| '6141002'| '6160964'|  
 '4933764'| '4901065'| '5929792'|  
 '4355302'| '5485544'| '5546583'|  
 '5421013'| '6115040'| '6119079'|  
 '5179703'| '5317722'| '5706496'|  
 '5533180'| '6044216'| '5675818'|  
 '5678039'| '6138086'| '6047891'|  
 '5387042'| '5778213'| '6032165'|  
 '6072411'| '6182099'| '4429306'|  
 '4602878'| '4987550'| '5070456'|  
 '5050121'| '5257351'| '5317509'|  
 '5636325'| '5649223'| '5664206'|  
 '5758314'| '5778356'| '5784071'|  
 '5787452')[PN]

USPT

49

L8

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

5778400.uref.

3

L7

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

'generating search indexes'.clm.

1

L6

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

'generating search indexes'.ti.

0

L5

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

'generating search index'.ti.

0

L4

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

(generat\$ and search\$ and index\$ and  
optimiz\$).ti.

0

L3

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

(generat\$ and search\$ and index\$).ti.

70

L2

USPT,PGPB,JPAB,EPAB,DWPI,TDBD

'search index'

682

L1

**WEST**

Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

Generate Collection

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6321192 B1

L24: Entry 1 of 2

File: USPT

Nov 20, 2001

US-PAT-NO: 6321192

DOCUMENT-IDENTIFIER: US 6321192 B1

TITLE: Adaptive learning method and system that matches keywords using a parsed keyword data structure having a hash index based on an unicode value

DATE-ISSUED: November 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Houchin; Alice Maria	Indianapolis	IN		
Wood; Douglas Andrew	Indianapolis	IN		

US-CL-CURRENT: 704/9; 704/1, 707/5, 707/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 5793381 A

L24: Entry 2 of 2

File: USPT

Aug 11, 1998

US-PAT-NO: 5793381

DOCUMENT-IDENTIFIER: US 5793381 A

TITLE: Unicode converter

DATE-ISSUED: August 11, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edberg; Peter K.	Eugene	OR		
McConnell; John I.	Menlo Park	CA		
Tang; Yung-Fong Frank	Sunnyvale	CA		
Daniels; Andrew M.	Menlo Park	CA		

US-CL-CURRENT: 345/467; 704/8, 707/542

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw Desc	Image
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[Generate Collection](#)

Term	Documents
MASK\$	0
MASK.USPT.	123110
MASKA.USPT.	135
MASKABILITY.USPT.	9
MASKABLE.USPT.	1927
MASKABLEINTERRUPT.USPT.	1
MASKABLE/NON.USPT.	4
MASKABLE/NONMASKABLE.USPT.	1
MASKABLE/NON-MASKABLE.USPT.	4
MASKABLE/UNMASKABLE.USPT.	1
(L23 AND MASK\$ ).USPT.	2

[There are more results than shown above. Click here to view the entire set.](#)[Display](#)[50](#)

Documents, starting with Document:

[2](#)[Display Format:](#) [CIT](#)[Change Format](#)

**WEST**[Generate Collection](#)**Search Results - Record(s) 1 through 4 of 4 returned.**☐ 1. Document ID: WO 200120500 A2

L35: Entry 1 of 4

File: DWPI

Mar 22, 2001

DERWENT-ACC-NO: 2001-535905

DERWENT-WEEK: 200159

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TITLE: Information retrieval system for providing information to natural language query, has data base to store updated text source, indexed by information extraction engine and query engine to search index for text corpus

INVENTOR: APPELT, D E ; ARNOLD, J F ; BEAR, J S ; HOBBS, J R ; ISRAEL, D J ; KAMEYAMA, M ; MARTIN, D L ; MYERS, K L ; RAVICHANDRAN, G ; STICKEL, M E ; TYSON, W M

PRIORITY-DATA: 1999US-0398233 (September 17, 1999)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200120500 A2	March 22, 2001	E	054	G06F017/30

INT-CL (IPC): G06F 17/30

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Clip Img	Image
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☐ 2. Document ID: KR 2001015368 A, JP 2001034623 A, CN 1281191 A

L35: Entry 2 of 4

File: DWPI

Feb 26, 2001

DERWENT-ACC-NO: 2001-223313  
DERWENT-WEEK: 200156  
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TITLE: Information retrieval procedure for natural language processing system, involves searching character row index produced from divided text by searching with character row search, word search

PRIORITY-DATA: 1999JP-0204867 (July 19, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2001015368 A	February 26, 2001		000	G06F017/30
JP 2001034623 A	February 9, 2001		020	G06F017/30
CN 1281191 A	January 24, 2001		000	G06F017/30

INT-CL (IPC): G06F 17/30

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Clip Img	Image
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☐ 3. Document ID: JP 2000339333 A

L35: Entry 3 of 4

File: DWPI

Dec 8, 2000

DERWENT-ACC-NO: 2001-108708  
DERWENT-WEEK: 200112  
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TITLE: Natural language search support system for computer has index database production unit which generates index database that stores index data matched with analysis result of data natural language analysis unit

PRIORITY-DATA: 1999JP-0149772 (May 28, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2000339333 A	December 8, 2000		006	G06F017/30

INT-CL (IPC): G06F 17/30

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Clip Img	Image
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☐ 4. Document ID: JP 11203278 A

L35: Entry 4 of 4

File: DWPI

Jul 30, 1999



DERWENT-ACC-NO: 1999-483685  
DERWENT-WEEK: 199941  
COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: Natural language processing apparatus for e.g. kana to Chinese character conversion system, natural language interface system - has onomatopoeia dictionary searching unit which searches onomatopoeia dictionary according to onomatopoeia index chosen by selector

PRIORITY-DATA: 1998JP-0006860 (January 16, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 11203278 A	July 30, 1999		006	G06F017/22

INT-CL (IPC): G06F 17/22; G06F 17/27

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Clip Img	Image
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Generate Collection

Term	Documents
SEARCH.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	14807
SEARCHES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	3043
INDEX.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	31007
INDEXES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1004
INDICES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2085
NATURAL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	40326
NATURALS	0
(SEARCH AND NATURAL AND INDEX).TI.USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	4

Display

50

Documents, starting with Document:

4

Display Format:

Change Format

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Term	Documents
"6321192".USPT.	1
6321192S	0
"6321192".PN..USPT.	1

**Database:**

US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Refine Search:**

6321192.pn.

[Clear](#)**Search History****Today's Date: 12/7/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	6321192.pn.	1	<u>L28</u>
USPT	11 and (string\$1)	1	<u>L27</u>
USPT	unicode near5 masking	0	<u>L26</u>
USPT	'unicode masking'	0	<u>L25</u>
USPT	123 and mask\$	2	<u>L24</u>
USPT	(universal code or unicode).ti.	5	<u>L23</u>
USPT	120 and (mask\$ near5 bit\$1)	0	<u>L22</u>
USPT	120 and (pattern\$1 near5 mask\$)	0	<u>L21</u>
USPT	116 and ((text or character) near5 (string\$1))	156	<u>L20</u>
USPT	117 and (pattern\$1 same mask\$)	0	<u>L19</u>
USPT	117 and (pattern\$1 near5 mask\$)	0	<u>L18</u>
USPT	116 and (character\$1 near5 bit\$1)	16	<u>L17</u>
USPT	115 and (word\$1 or phrase\$1)	310	<u>L16</u>
USPT	114 and boolean	320	<u>L15</u>
USPT	113 and (search\$ or query\$)	1323	<u>L14</u>
USPT	natural near5 language\$1	1824	<u>L13</u>
USPT	111 and index\$	2	<u>L12</u>
USPT	110 and word\$1	3	<u>L11</u>
USPT	18 and 'bit code'	3	<u>L10</u>
USPT	18 and '16-bit code'	0	<u>L9</u>
USPT	'logical mask'	69	<u>L8</u>
USPT	12 and mask\$	0	<u>L7</u>
USPT	12 and query\$	0	<u>L6</u>
USPT	12 and search\$	1	<u>L5</u>
USPT	13 and predeterm\$	0	<u>L4</u>
USPT	12 and compar\$	1	<u>L3</u>
USPT	5946648.pn.	1	<u>L2</u>
USPT	5778400.pn.	1	<u>L1</u>



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natural language search index unicode

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dtSearch Text Search Features: thesaurus/concept, natural ...  
... has built an **index**, it can ... etc.) with **Unicode**, etc.) with ... information, see **Search**

Features - Full ... thesaurus/concept, **natural language**, fuzzy, phonic ...  
www.dtsearch.com/desktop.html - 49k - [Cached](#) - [Similar pages](#)

dtSearch Text Search Features: thesaurus/concept, natural ...

... built. An unindexed **search**, in contrast, searches ... in the **index** to locate ... XML and **Unicode**  
from current ... thesaurus/concept, **natural language**, fuzzy, phonic ...

www.dtsearch.com/compatability-disp.html - 47k - [Cached](#) - [Similar pages](#)

[ [More results from www.dtsearch.com](#) ]

dtSearch - features

... In addition to full **Unicode** support, dtSearch offers ... in a **natural language search**. ... sharing certain **search** capabilities, such as ... Each **index** can hold up ...

www.dtsearch.co.uk/dtfeatures.htm - 33k - [Cached](#) - [Similar pages](#)

Inktomi Search Software (formerly Ultraseek) - SearchTools ...

... encoding to **Unicode** for searching ... with the **natural language** interface, administration ... results. Internal **Search Engines** Get ... 2.0; Microsoft **Index Server** ...

www.searchtools.com/tools/inktomi-search.html - 18k - [Cached](#) - [Similar pages](#)

[PPT] URSA: The UNICODE Retrieval System Architecture

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... penalty for using **Unicode** in an IR ... URSA Retrieval. **Natural language** queries. Ranked retrieval ... **search**. Context **Search** operators (A ... of B). **Index** statistics: ...

crl.nmsu.edu/Research/Projects/tipster/ursa/Papers/ursa-iuc14.ppt - [Similar pages](#)

Inktomi Enterprise Search

... Inktomi's powerful **natural language** capability ... most current **index**. This combination ... Multiple **Language** Support ... Enterprise **Search** supports ... for **Unicode** character ...

www.inktomi.com/products/search/enterprise.html - 28k - [Cached](#) - [Similar pages](#)

Inktomi Search - Database info

... **Natural-language** search of database ... presentation of **search** results: Easily ... Full **Unicode** support: Normalization of ... sets. Real-time **index**: Refresh indexed ...

www.inktomi.com/products/search/products/ultraseek/database.htm - 16k - [Cached](#) - [Similar pages](#)

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[Web](#) [Images](#) [Groups](#) [Directory](#)Searched the web for **search index text characters query string** Results 1 - 10 of about 60,900 Search too

### TAMU-BWG Vascular Plant Image Gallery

... prototype image file **search** system currently under ... provides '**string query**' access

to ... a full-text **index** of a ... carry a **string** of **characters** matching the ...

www.csdl.tamu.edu/FLORA/gallery/gallery\_query.htm - 7k - [Cached](#) - [Similar pages](#)

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#### Text Search Toolkit

Add full-text search capabilities to your website and applications.

www.textek.com/

Interest:

### [Chapter 9] 9.4 Search/Index Gateway

... appear as regular **text** when this ... of alphanumeric **characters** (AZ, az ... the boundary **string**, in which ... to the **query** are displayed ... of a **search/index** utility. It ...

www.oreilly.com/openbook/cgi/ch09\_04.html - 14k - [Cached](#) - [Similar pages](#)

[See your message here...](#)

### Full text searches

... trees for its **index**. Thus, a quick ... fuzzy full **text search**, several approaches ... deletions of **characters**, the computing ... of the **query string** and the ...

archive.ncsa.uiuc.edu/SDG/IT94/Proceedings/DDay/myka/node8.html - 9k - [Cached](#) - [Similar pages](#)

### MGI 2.7 - Using The GXD Index Query Form

... The GXD **Index** consists of a ... containing the **characters** you enter ... interprets the **string** as a ... terms, the **search** program finds ... Full-text Searching ... of **Query Results** ...

www.informatics.jax.org/userdocs/gxdindex\_help.shtml - 12k - [Cached](#) - [Similar pages](#)

### Access Idaho - Verity Search Tips

... in the Verity **Query Language**. ... **characters** end a **text** token because they ... @ ` < { [ These **characters** signify the start ... To **search** for a **string** that contains ...

www2.state.id.us/search/searchtips.htm - 15k - [Cached](#) - [Similar pages](#)

### Current Index to Statistics, Experimental Interface Help

... in the Current **Index** to Statistics. ... the first **text** box; for ... **Query** restrictions that may ... ignored.) If **string** is typed ... no "extra" **characters** at the ... so a **search** on ...

www.statindex.org/CIS/query/helppage - 12k - [Cached](#) - [Similar pages](#)

### Speech-Friendly Search Engine Query Submission Forms

... to signify multiple **characters**: ... Metacrawler **Query Syntax**. ... in one **search string**, as in the ... web, the Open **Text Index** allows you **search** for words, phrases ...

www.hicom.net/~oedipus/search.html - 41k - [Cached](#) - [Similar pages](#)

### Idaho Statute Search Instructions

... in the Verity **Query Language**. ... end a **text** token because they ... for a **string** that contains a ... two backslash **characters**. ... Web Server **Index** - Keyword **Search** ...

www3.state.id.us/legislat/ldstinst.html - 5k - [Cached](#) - [Similar pages](#)

### [PDF] Software Product Description

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... 2-3, **HTML**, **text** and many ... in the **query string** will narrow ... special multinational **characters**.

\* Require/exclude ... the **search engine** and the **index** created ...

[www.compaq.com/info/SP7024/SP7024PF.PDF](http://www.compaq.com/info/SP7024/SP7024PF.PDF) - [Similar pages](#)

### Web TASC Knowledge Base

... strips extraneous **characters** from the ... the **search string** up into ... Microsoft Full Text  
**Search** engine is ... for each **query** word in ... the **search** engine ... synonym **index** for ...  
[kb.nih.gov/www\\_help\\_search.asp](http://kb.nih.gov/www_help_search.asp) - 14k - [Cached](#) - [Similar pages](#)

Google

Result Page:    1 2 3 4 5 6 7 8 9 10    [Next](#)

search index text characters query string

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You may refine your search by editing the current search expression or entering a new one t

Then click **Search Again**.

search and index and characters and words and match and text and string

**Search Again****Results:**Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 Fast multipattern search algorithms for intrusion detection***Kuri, J.; Navarro, G.*String Processing and Information Retrieval, 2000. SPIRE 2000. Proceedin  
International Symposium on , 2000

Page(s): 169 -180

[\[Abstract\]](#) [\[PDF Full-Text \(820 KB\)\]](#) **CNF****2 On searching of all occurrences of a word in a string***Dogaru, O.; Dogaru, R.*Electronics, Circuits and Systems, 1999. Proceedings of ICECS '99. The 6th  
International Conference on , Volume: 1 , 1999

Page(s): 573 -576 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(144 KB\)\]](#) **CNF****3 General word recognition using approximate segment-string ma***Favata, J.T.*Document Analysis and Recognition, 1997., Proceedings of the Fourth Inte  
Conference on , Volume: 1 , 1997

Page(s): 92 -96 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) **CNF****4 An efficient algorithm for matching multiple patterns***Jang-Jong Fan; Keh-Yih Su*Knowledge and Data Engineering, IEEE Transactions on , Volume: 5 Issue  
1993

0-7803-333-0-1



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[\[Abstract\]](#) [\[PDF Full-Text \(984 KB\)\]](#) **JNL**

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